

#### ABSTRACT OF THE DISCLOSURE

The continuous production of acetylene diurea takes place by means of the reaction of glyoxal with urea in the presence of mineral acids. The reaction is carried out in at least one reactor having a mixing device, into which glyoxal, urea, and mineral acid are continuously fed, and from which a suspension of acetylene diurea in mother liquor is discharged. The acetylene diurea is mechanically removed from the mother liquor, and the remaining mother liquor is recycled back into the reactor, in whole or in part.